

FIG. 1A

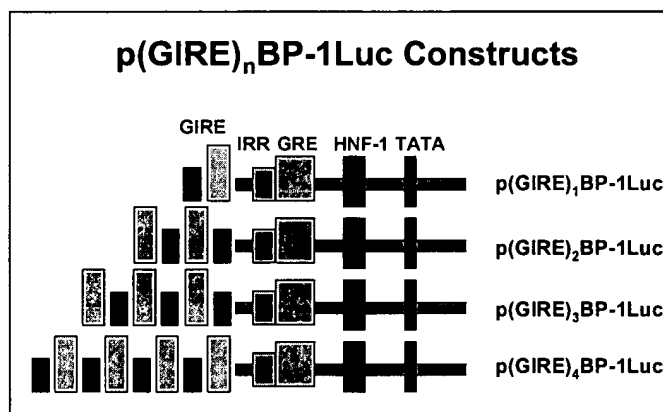


FIG. 1B

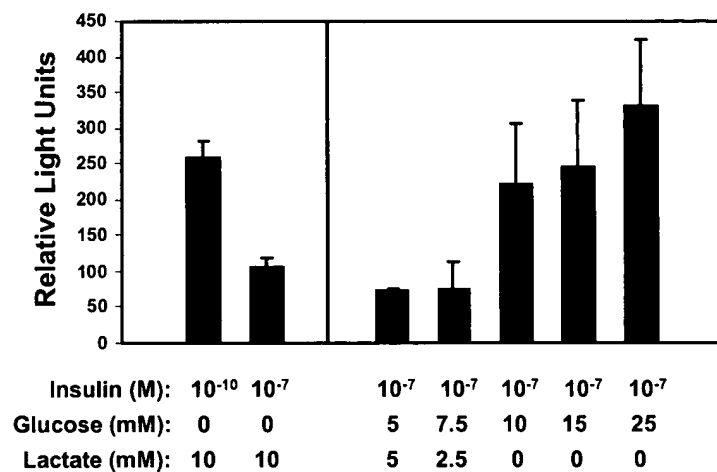


FIG. 2

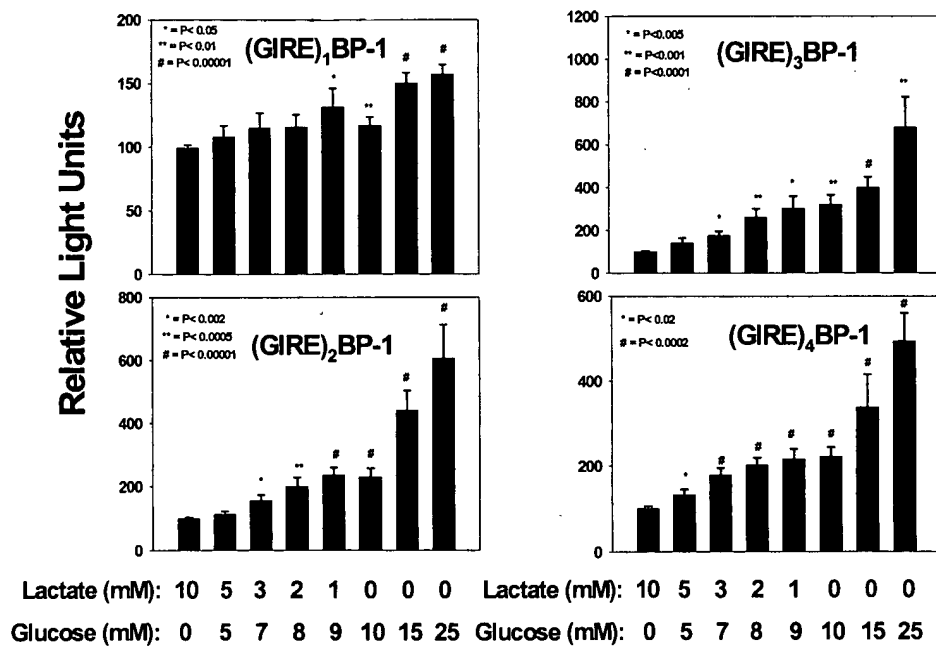


FIG. 3

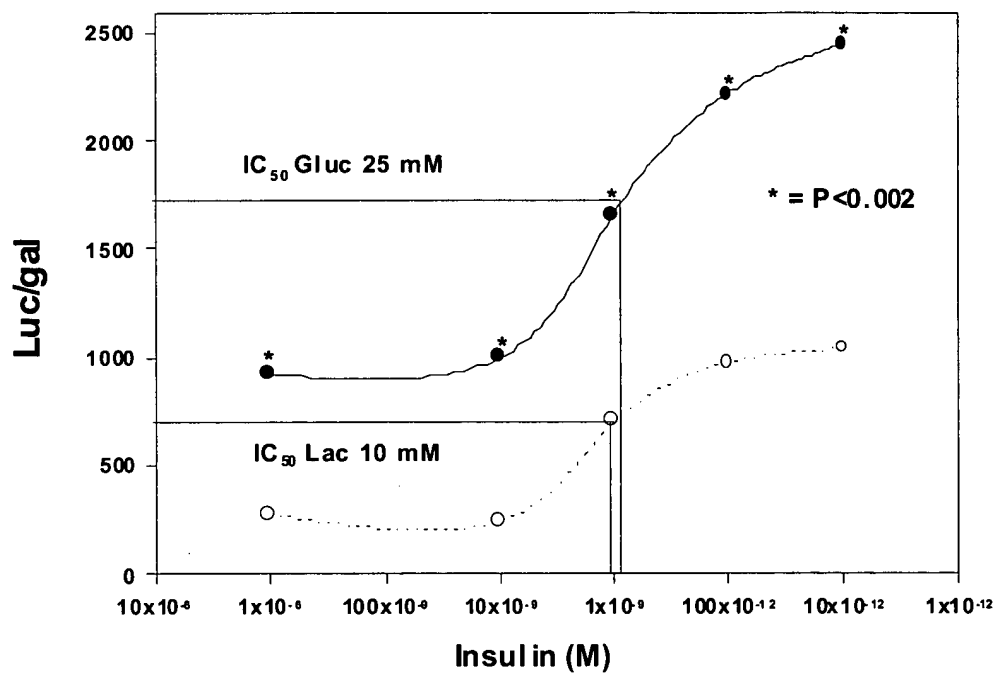


FIG. 4

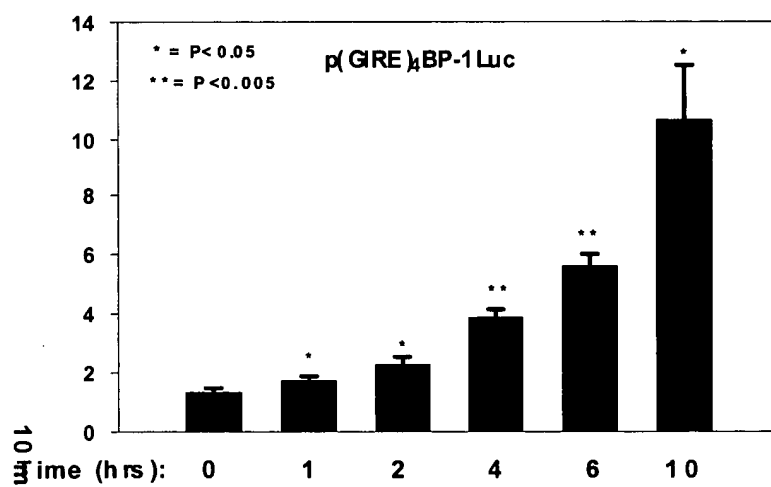


FIG. 5

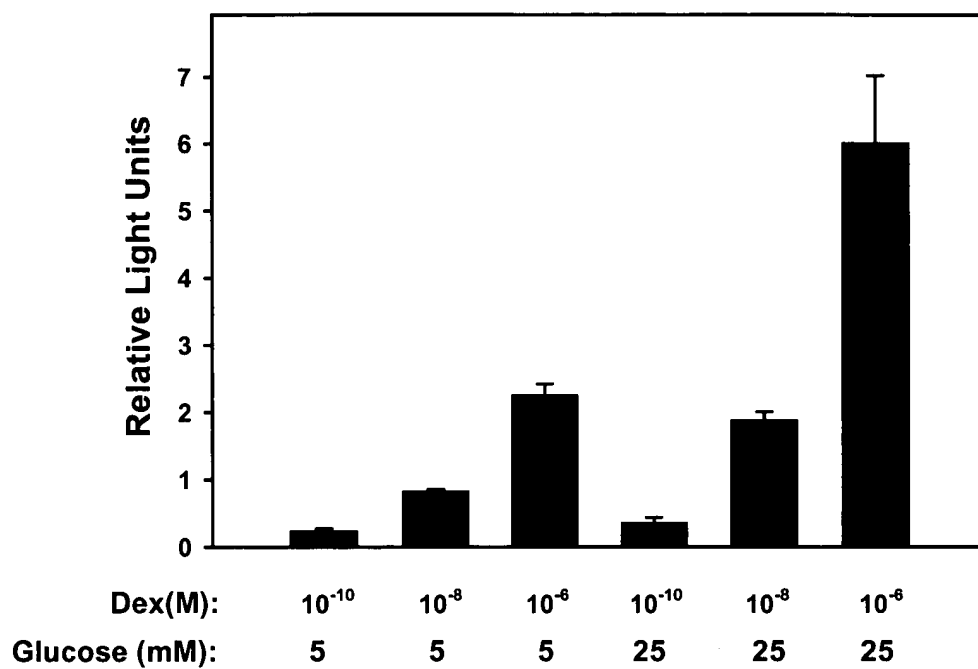


FIG. 6

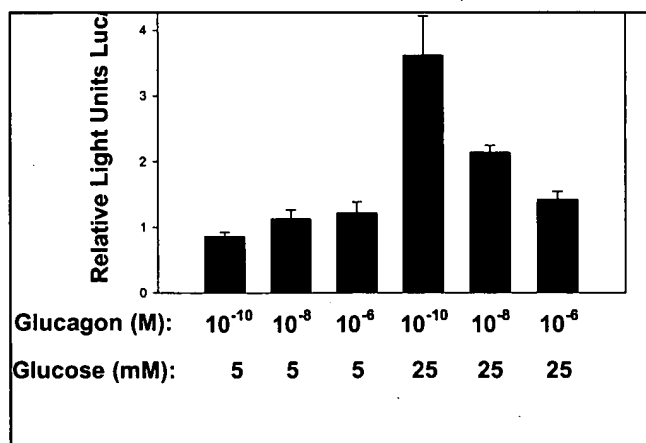


FIG. 7

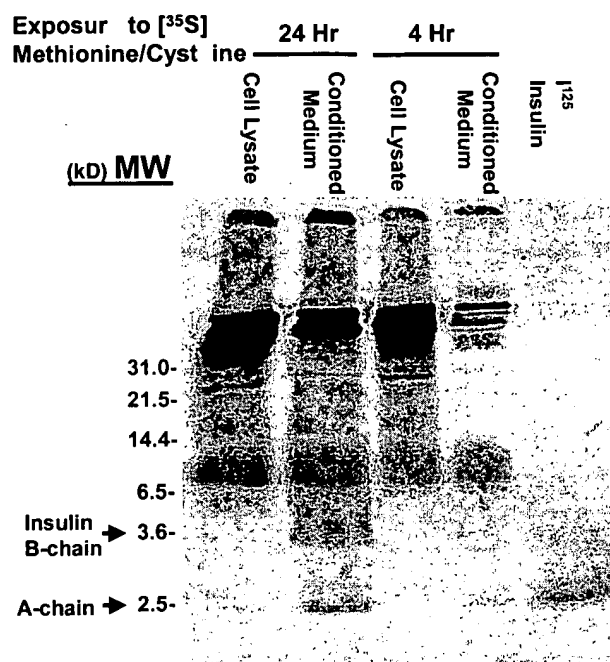


FIG. 8

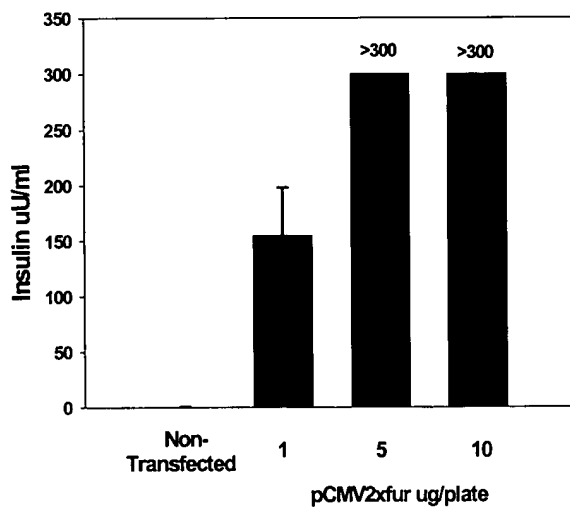
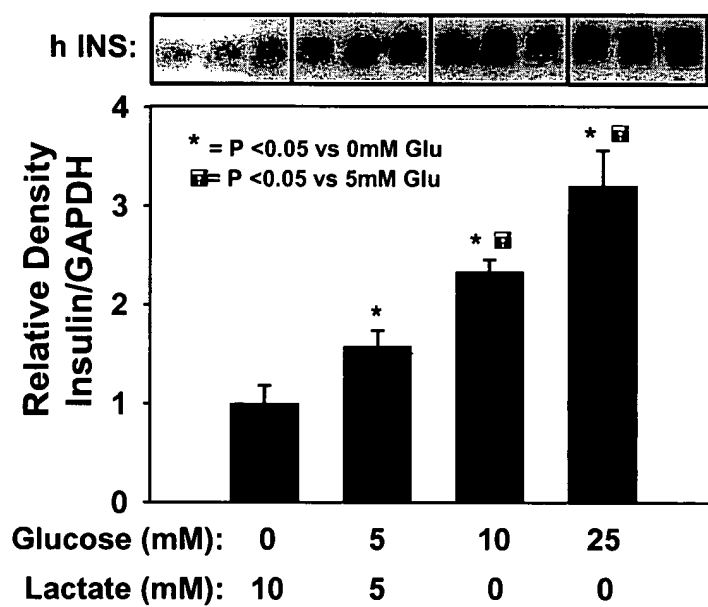


FIG. 9

Bar graph showing Relative Light Units (RLU) for different insulin concentrations and a control. The y-axis ranges from 0 to 5. The x-axis shows Insulin (M) concentrations: 10^{-7} , 10^{-9} , 0, and pCMV2xfur cond. med. The RLU values are approximately 2.9, 4.3, 3.7, and 2.7 respectively. Statistical significance is indicated by brackets: $P < 0.005$ between 10^{-9} and 0, and $P < 0.05$ between 0 and pCMV2xfur cond. med.

Insulin (M)	Relative Light Units (RLU)
10^{-7}	~2.9
10^{-9}	~4.3
0	~3.7
pCMV2xfur cond. med.	~2.7



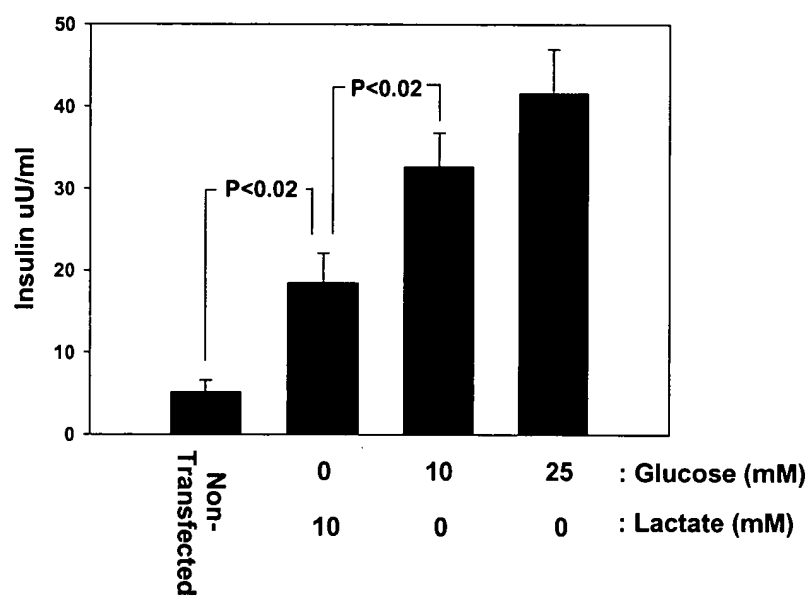


FIG. 12

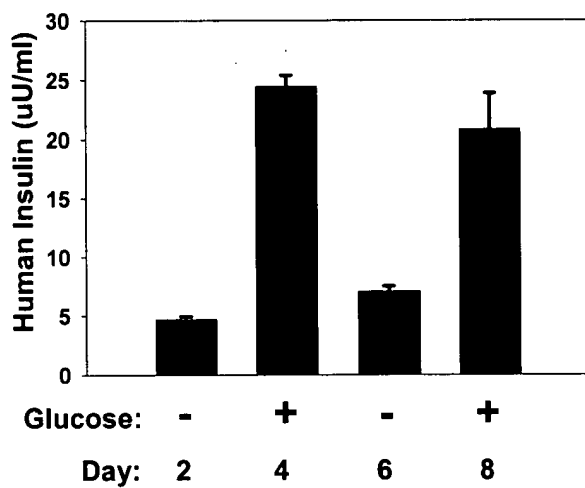


FIG. 13A

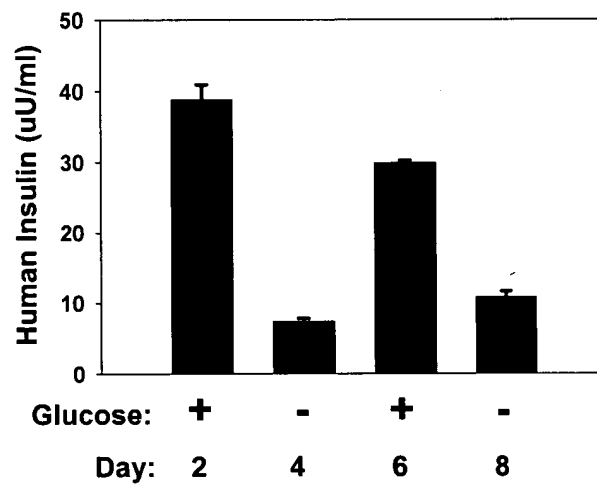


FIG. 13B

100407-34624660

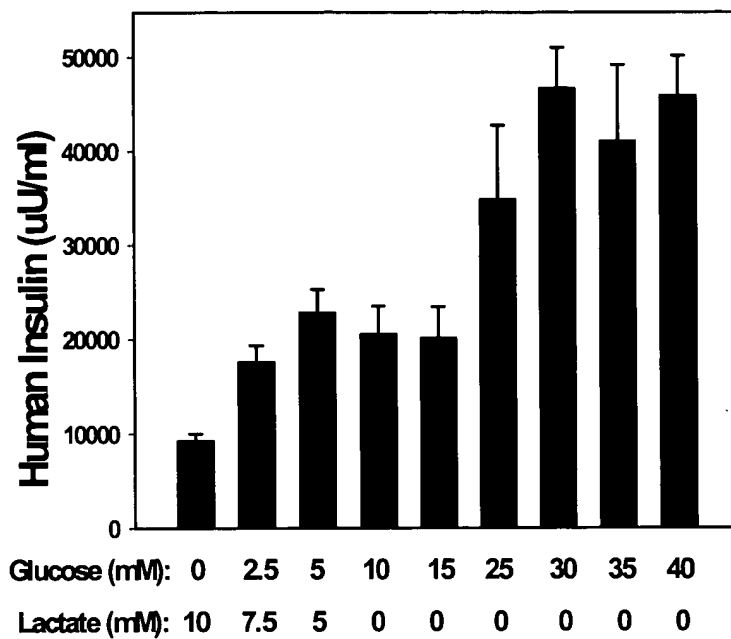


FIG. 14



FIG. 15A

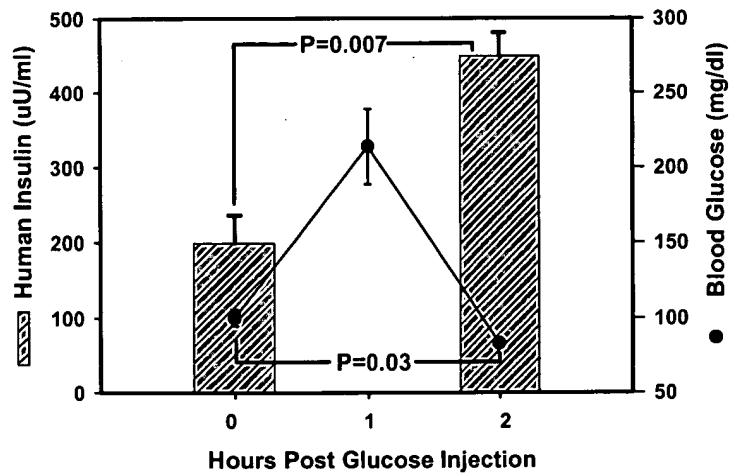


FIG. 15B

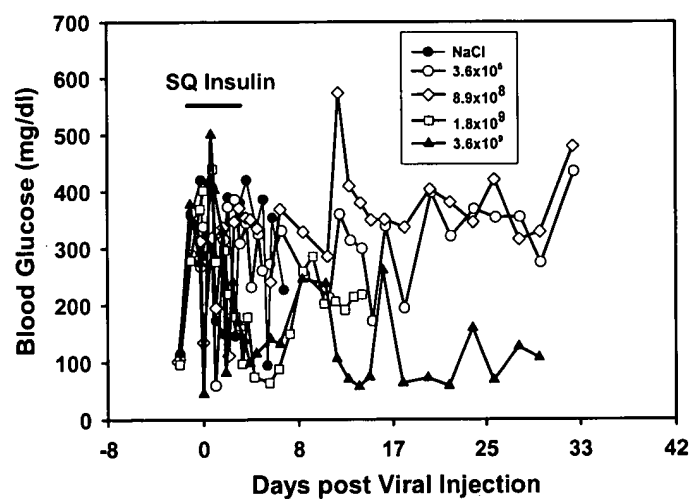


FIG. 16A

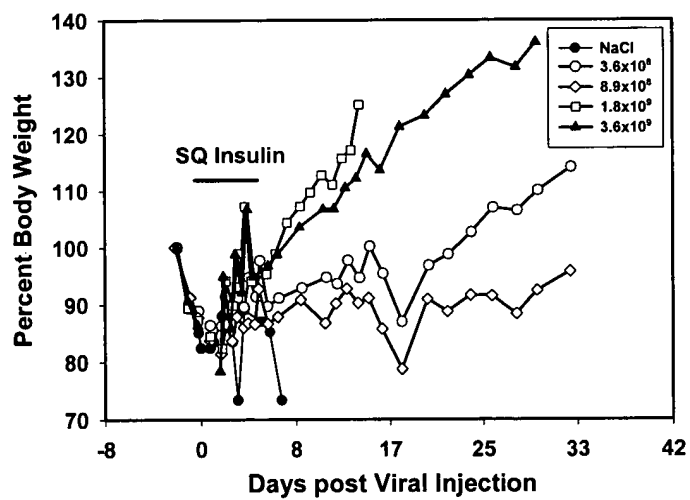


FIG. 16B

FIG. 17A

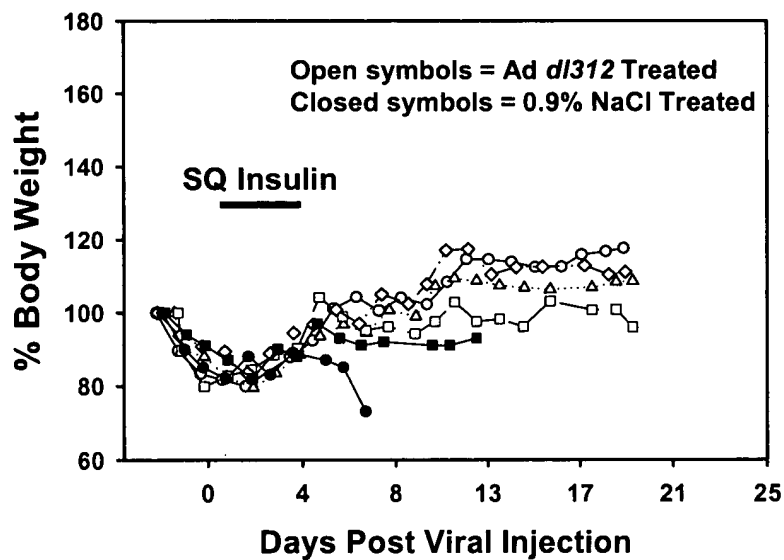


FIG. 17A

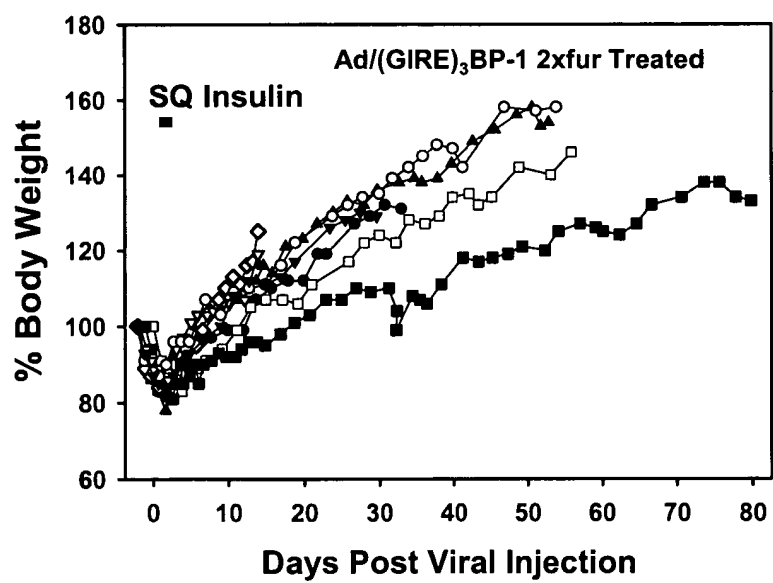


FIG. 17B

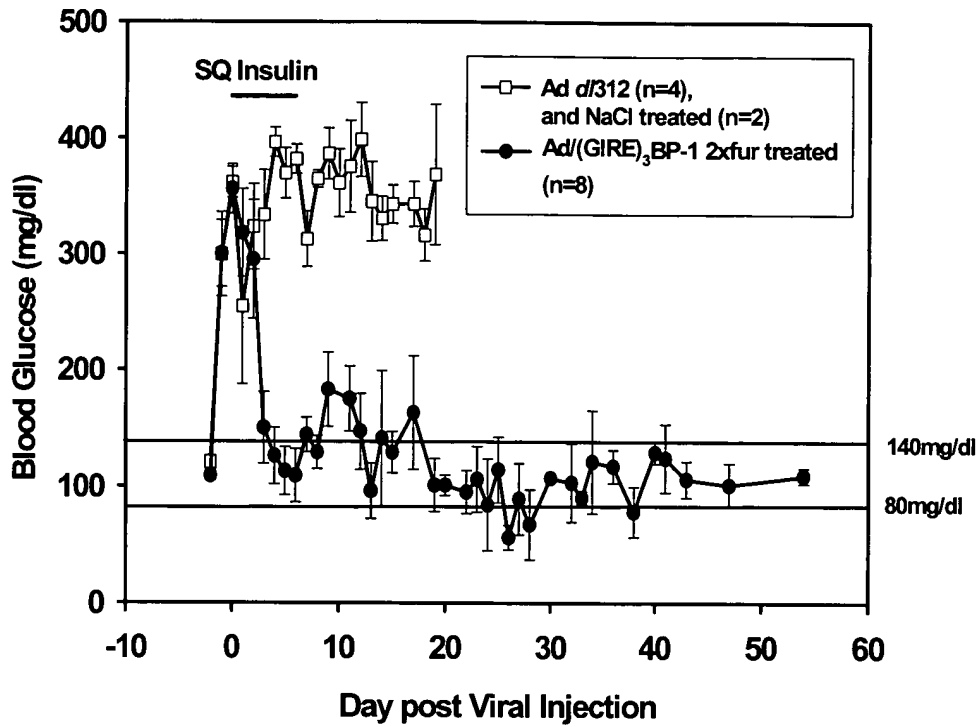


FIG. 18

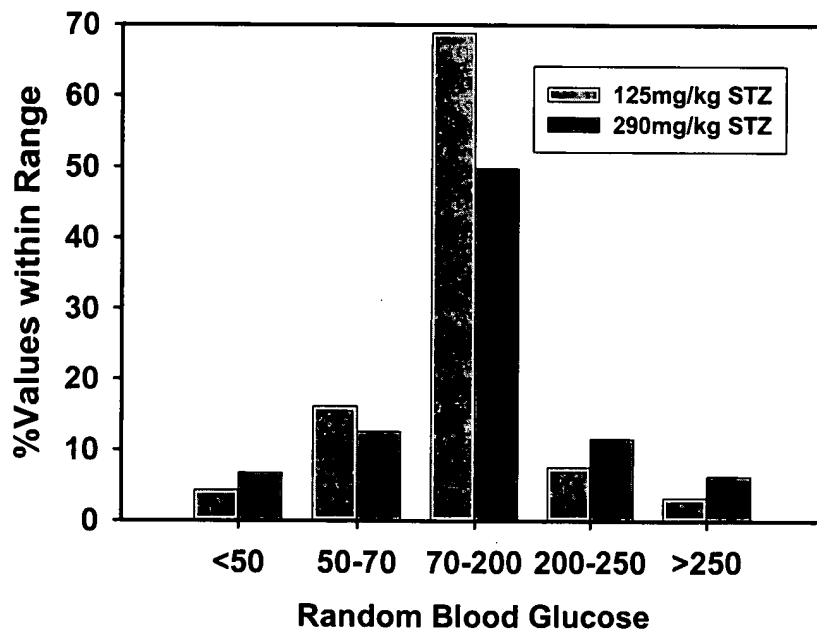


FIG. 19

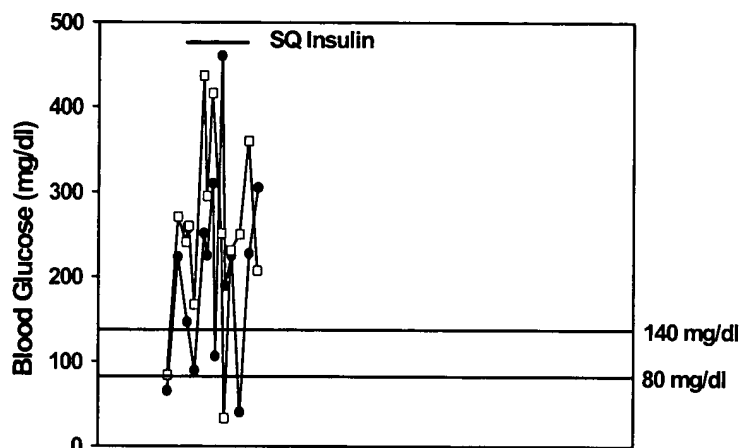


FIG. 20A

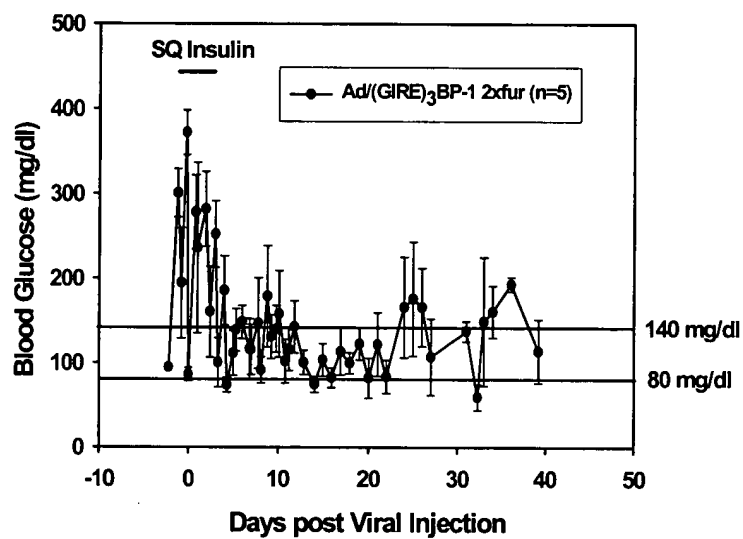


FIG. 20B

FIG. 21A

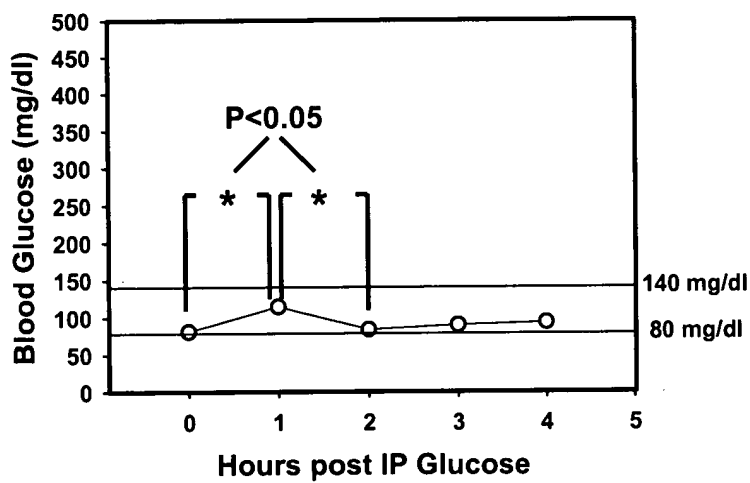


FIG. 21A

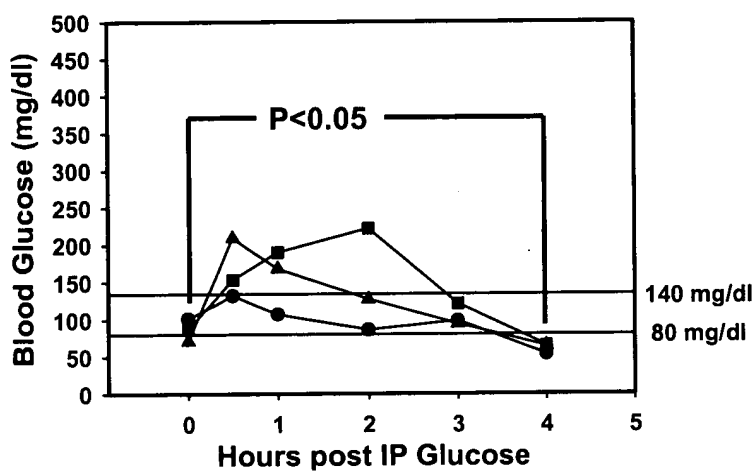


FIG. 21B

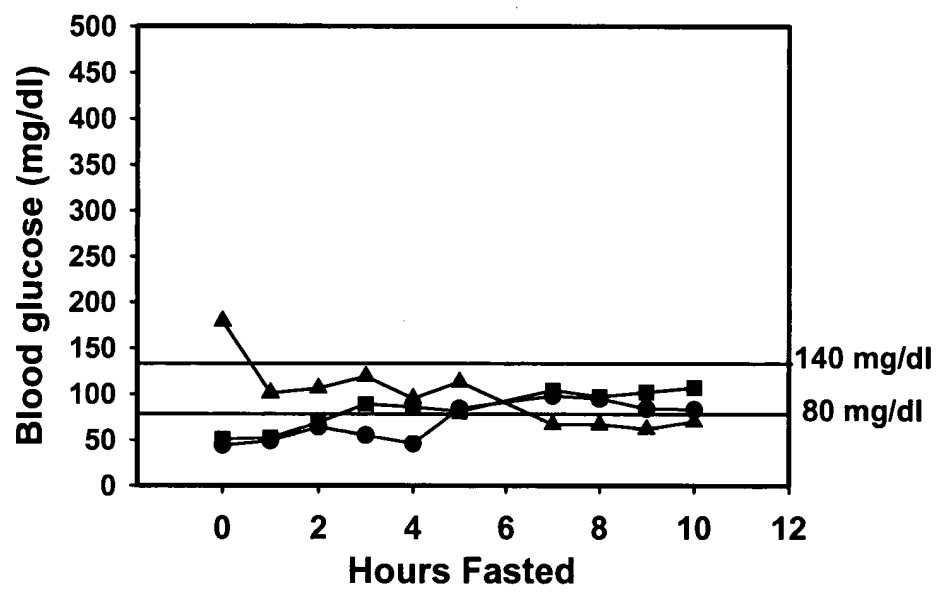


FIG. 22

FIG. 23

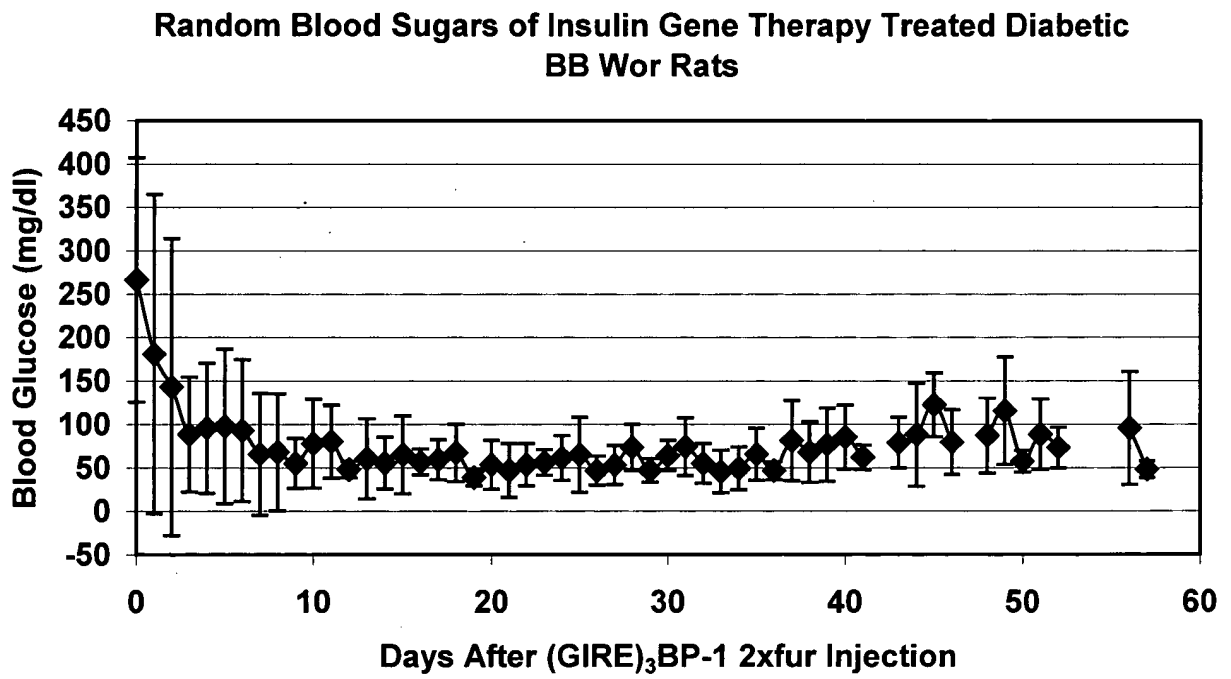


FIG. 23

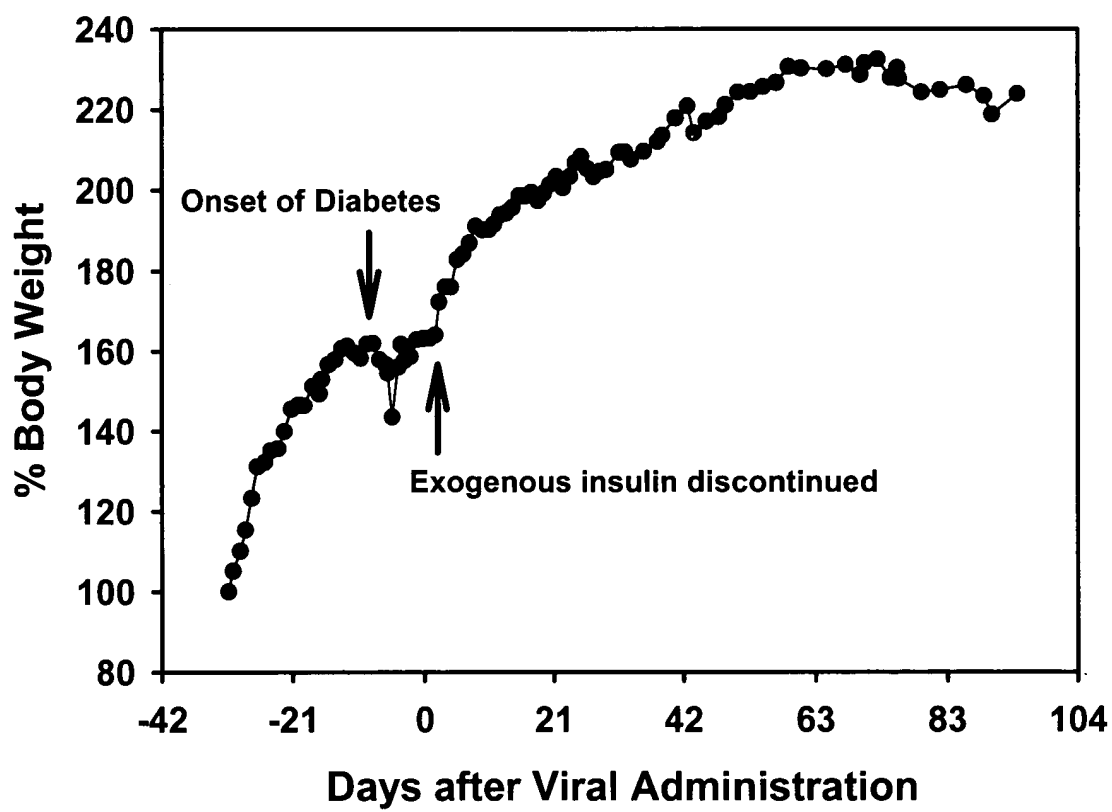


FIG. 24

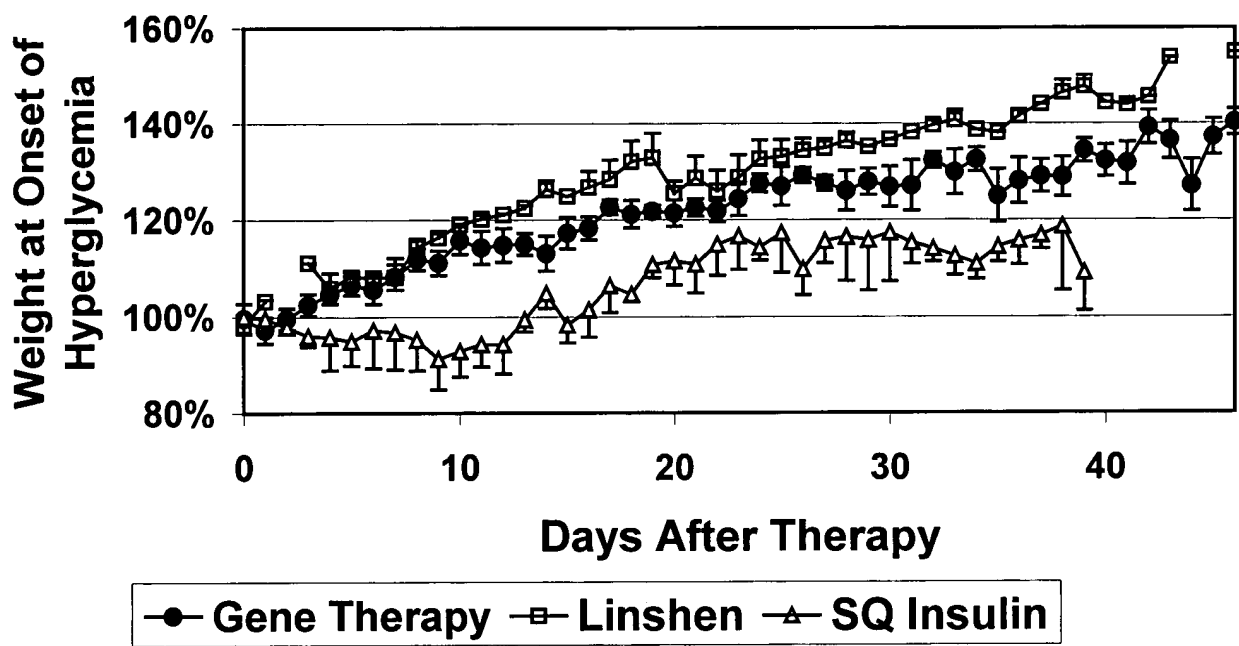


FIG. 25

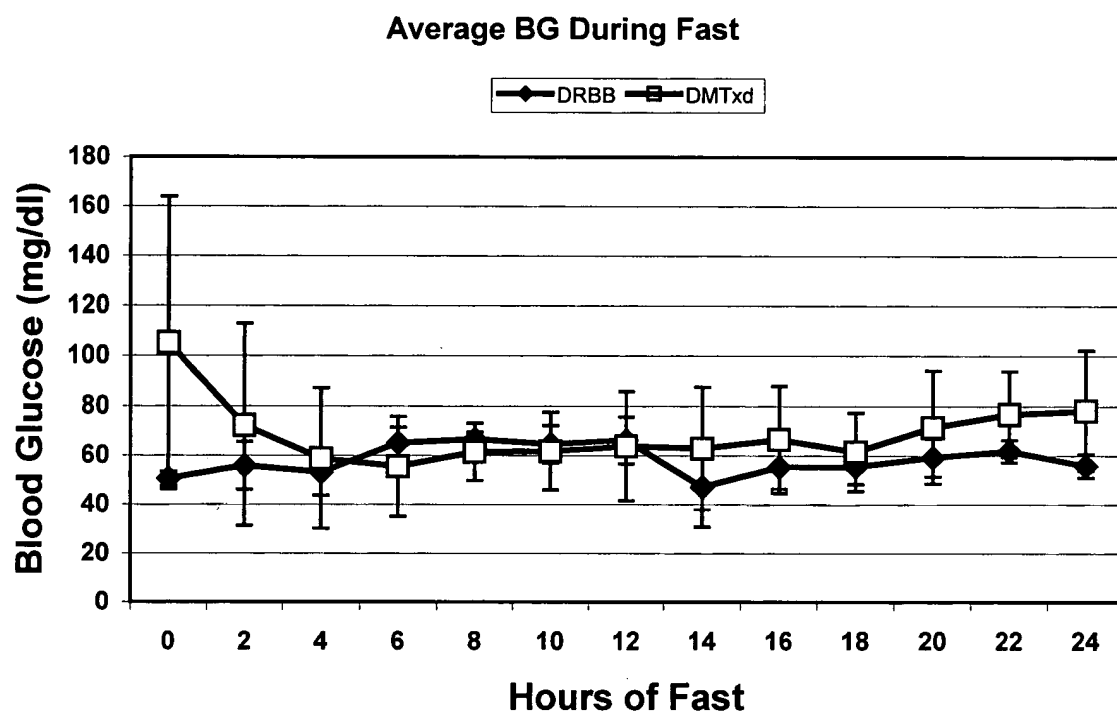


FIG. 26A

FIG. 26B

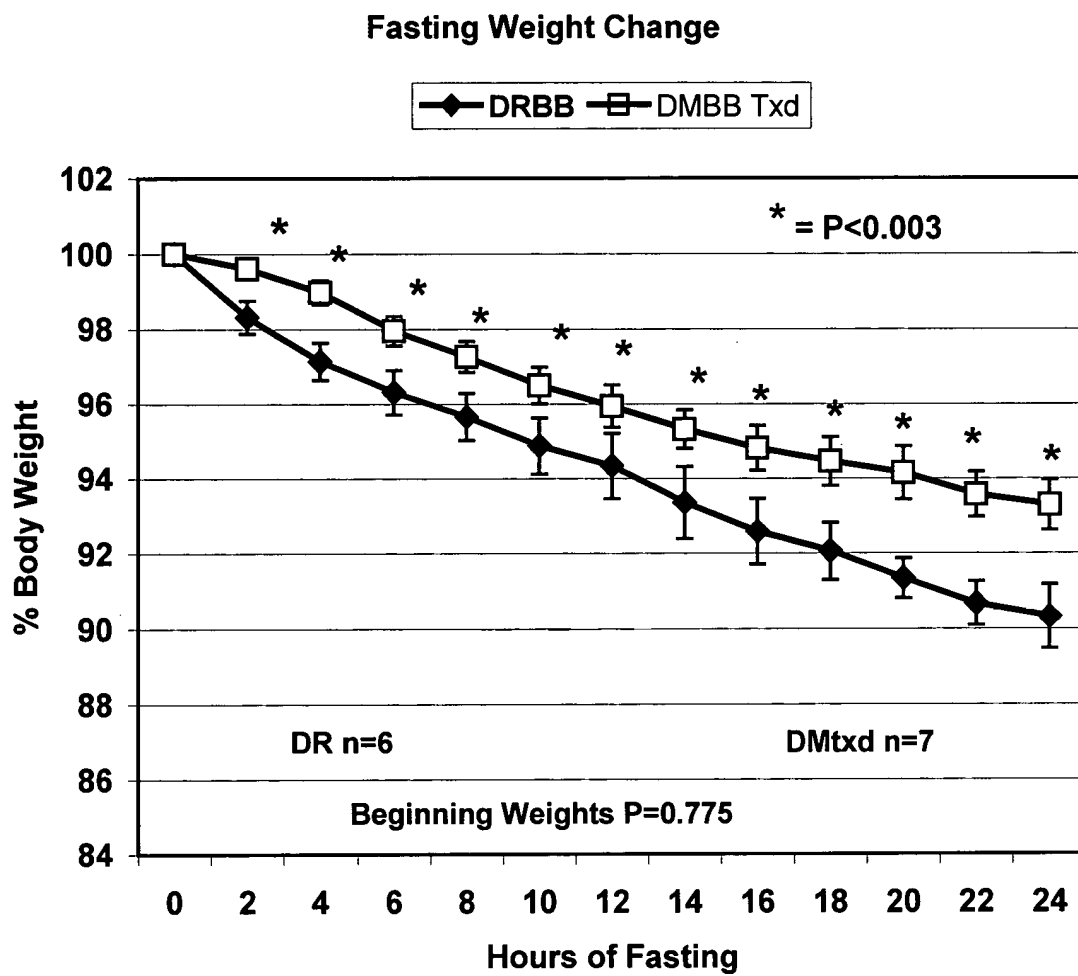


FIG. 26B

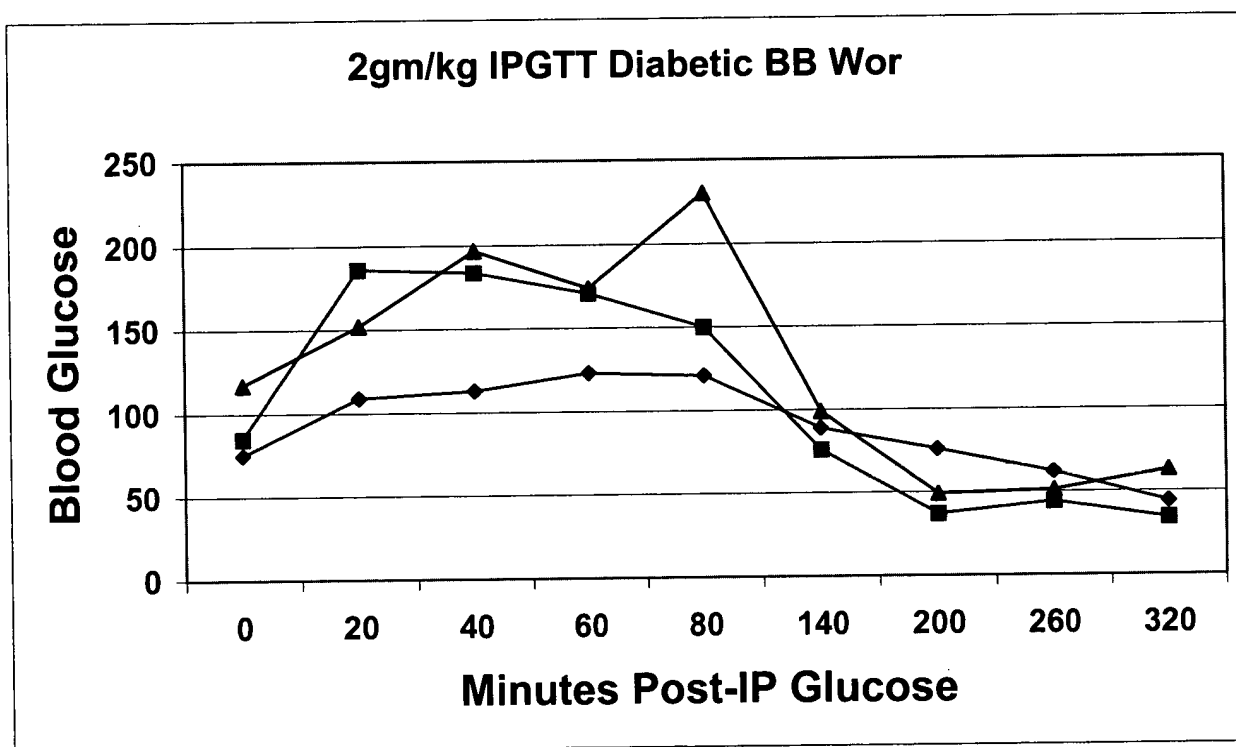


FIG. 27